

RESUME

Name: Dr Shalini Shravan

Ph.D. Electrical and Electronics, VTU,

Hindi Praveen in Madras University.

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Date of Birth: 01.07.1978

EXPERIENCE

As an educator, I bring 21 years of experience at both the undergraduate and postgraduate levels and 2+ years of Research Experience. My teaching philosophy revolves around fostering critical thinking, cultivating a supportive learning environment, and integrating real-world applications into the curriculum. I have received positive feedback from students and colleagues for my engaging teaching style and commitment to student success.

INSTITUTION	YEAR	DURATION
RV Institute of Technology and Management	17/1/2022	Till date
K.S. Group of institutions	Aug 2009 – Jan 2022	12.5 years
Indian Institute of Engineering Technology, MSCE, Chennai	Sep 2007 - April 2009	1.6 years
BMSCE, Bangalore	Oct 2001 - Dec 2003	3 years
BMSCE, Evening College, Bangalore	Sep 2005 - May 2006	
DRDO, Bangalore (SRF)	Sep 2005 - Sep 2006	1 year 1 month
Global Softech, Bangalore	Jan 2001 - Sep 2001	1 year 3 months
Wipro Infotech, Bangalore (project trainee)	Oct 2004 - Mar 2005	

EDUCATIONAL QUALIFICATION

Qualification	Percentage	Year	College
Ph.D (PT) -Wireless Communication	Completed in 2020, VTU		
M.Tech –Electronics	79	2003-2005	BMS College of Engineering, Bangalore.
BE – Electronics &Communication	75	1996-2000	Golden Valley Institute of Engineering, KGF.
PUC	74	1994-1996	First grade college of Engineering, KGF.

SUBJECTS HANDLED

Basic Electronics, Analog Electronic Circuits, Electronic Principles and Circuits, Logic Design, Network Analysis, Linear Integrated Circuits and its Applications, Field Theory, Digital Design using Verilog, Optical fibre Communication, Wireless Communication, Speech Processing, Satellite communication, Wireless communication, Digital communication, Digital Switching Systems.

ACHIEVEMENTS

REVIEWER

1. Reviewer of 1 paper in Journal of Information and Optimization Sciences (Taru Publications), Nov 2025.
2. Reviewed 7 research papers in aug, sep, oct 2025 for International Conference ICIITCEE-2026, BNMIT, Bengaluru.
3. Reviewed 2 research papers for 3rd International Conference on Recent Advances in Information Technology for Sustainable Development ICRAIS-2025, MIT Manipal.
4. Reviewed 4 research papers for International Conference on Digital Technology and Engineering 2025, ICDTE-2025, RVITM, Bengaluru.
5. Reviewed 3 research papers for International Conference on Emerging Technologies in Electronics and Green Energy 2025, ICETEG -2025, JSS Science and Technology university, Mysuru.
6. Reviewer of IEEE sponsored International Conference on Artificial Intelligence and Data Engineering (AIDE) held at NMAM Institute of Technology, Nitte, on 6th and 7th of Feb 2025.
7. Reviewer of IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE 2025) organized by BNMIT, Bengaluru.
8. Reviewed 5 papers for IEEE International Conference on Recent advances in Information Technology for Sustainable Development during Aug-Sep 2024, Organized by MIT in Nov 2024.
9. Reviewed 5 papers for 2nd International Conference on Networking, Embedded and Wireless Systems (ICNEWS) 2024 in July 2024 organized by BMSCE, Bengaluru.
10. Reviewed 5 papers for IEEE International Conference on Intelligent and Innovating Technologies in Computing, Electrical and Electronics organized by BNM Institute of Technology. ICIITCEE 2024.
11. Participated as a session Chair for International Conference on Evolutionary algorithms and soft computing techniques Oct-2023 organized by Dept. of CSE, RVITM, Bengaluru.
12. Participated as a **Smart India Hackathon 2023 Evaluator**, Dec 2023.
13. Reviewed 5 papers for IEEE International Conference IEEE ICRVITM2023 organized by RVITM, Bengaluru, Sep-Oct 2023.
14. Reviewer of fourth international conference on Emerging research in Electronics, Computer Science and Technology Dec26, 27th 2022, PESCE, Mandaya.
15. <https://www.sciencepublishinggroup.com/journal/peerreviewers> in Advances in wireless communication and networks, Aug 2020.

EDITORIAL BOARD MEMBER

1. Appointed as Editorial Board of Journal of Electrical and Electronic Engineering from Nov 2025 to Nov 2028.
2. Institute for educational research and Publication -IFERP-Educational and Technology Conference Board Member -23/08/2024.
3. Appointed as Doctoral Academic Council member for a PhD student from Feb 2024 till date, MIT, Bengaluru.
4. Appointed as Editorial Board member of Journal of Electrical and Electronic Engineering on 22/2/23.
5. Appointed as editorial board member in <https://www.sciencepublishinggroup.com/> in American Journal of Science, Engineering and Technology, 2020.

SESSION CHAIR

1. Served as a Session Chair at the International Conference on Digital Technologies and Engineering (ICDTE 2025), Oct 17th 2025, RVITM.
2. Served as a Session chair in ICOECA-22 Springer Conference held on 3/2/2022 at RVITM.

BOOK CHAPTERS

1. The Industry connect project funded by RV Educational trust, Navyashree Ganpisetty, Teja H. Charan, Divyabhavani Ganpisetty, Sneha Hugar, Sudhanva S. Haritasa, Shalini J mentored by Dr Shalini J, "IOT Integrated smart mirror for continuous health and wellness monitoring", Engineering Science and Technology: Innovations for the Future, 1st Edition, 2025, CRCpress, www.taylorfrancis.com/chapters/edit/10.1201/9781003685876-22/October-2025. ebook ISBN: 9781003685876.
2. B. T. Venu Gopal, Shreedhara. Hareesh Kumar, Shalini, Usha Rebecca, "Design of a deep learning-based controller for a 4-leg inverter to independently control two 3-phase induction motors," in Emerging Science and Technology: Innovations for Future, Taylor & Francis, ch. 37, 2025. doi: 10.1201/9781003685876-37.

TEXTBOOKS

1. Industrial automation and Mechatronics textbook, REST Publishers, Ltd India, authored by Dr Amriya Tasneem H R, Kumar D, Dr D V Ravikumar, Dr Shalini, published in Dec 2025, ISBN:978-81-994490-5-3.

INSTITUTION LEVEL

1. Inhouse Faculty Co-ordinator and judge for the event Roborace held on 26/11/25, ROBOFIESTA 2025.
2. Inhouse Faculty Co-ordinator and judge for the event FAST N FURIOUS held on 3/12/24, ROBOFIESTA 2024.
3. Industry connect Project Funded by RVITM, Rs.25000 "Magic Mirror" is completed by UG students under my Guidance, during 2023-24.

4. Organized students Hobby project Exhibition event for 2nd sem ECE on September 1st 2023 to showcase their talent.
5. Organized Hobby project Exhibition /Poster Presentation event for Ist Sem Students on 21/12/23 to showcase the student's talent.
6. Organized students Hobby project Exhibition event for I Year ISE, May 2024.
7. Participated as a coordinator in Industrial visit to IISC-CENSE Lab with 3rd Semester students on 2/2/24.
8. Organized the Faculty industry visit of RVITM to IISC 5G Test bed on 30/3/23 to understand the research areas in 5G.
9. Inhouse Faculty co-Ordinator and judge for the event Battle of lines held on 21st December, 2022, ROBOFIESTA 2022.

PROPOSALS APPLIED

1. Navyashree Ganpisetty ,Bindushree K B, Divyabhavani Ganpisettya and Dr Shalini J ,Aeroponic system with automated nutrition and disease Analysis, Rs 7000/- (Rupees seven thousand only), Karnataka State Council of Science and Technology (KSCST) ,Dec 2024.
2. Dr Shalini J, Quantum Communication and Sensing Lab, Rs 1500000/- (Rupees fifteen Lakh only), Q-Pragathi- II | Mini Project Scheme of QuRP, IISc Campus, 29/10/2024.
3. Dr Shalini J, "Implementation of Massive MIMO technology in 5G networks for enhanced capacity", File Number: DST/CSRI/2024/597, Rs 1 Lakh, Department of science and technology, 11/06/ 2024.

PATENTS GRANTED

1. "Smart home security camera with Integrated Storage and Wireless Access", in the name of 1. Ranjeet Kumar Choudhary 2. Bharath V B 3. Uzma Taj 4. Akshay Kumar H S 5. Poornima E. Gundgurti 6. Dr. C. Solaimuthu 7. Shalini J 8. Shreelakshmi V, date of issue 01/05/25. Design number:442972-001.

COURSES COMPLETED

1. Completed the course Cyber security in health care in Dec 2024, coursera, Erasmus University Rotterdam.
2. Completed the technical support fundamentals course in Coursera on 20/2/24.
3. Completed the course in Infosys spring board on 22/2/24.
4. Introduction to responsible AI in Aug 2023, authorized an online non-credit course authorized by Google Cloud and offered through Coursera.
5. Completed Introduction to Generative AI in Aug 2023, an online non-credit course authorized by Google Cloud and offered through Coursera.
6. Completed and received certificate of "RF and millimeter wave circuit design" an online course authorized by Eindhoven University of Technology offered through Coursera during March-April 2023.
7. Completed and received certificate of "Wireless communication for everybody" an online course authorized by Yonsei University offered through Coursera Feb 2023.

8. Completed and received certificate of “Differential Equations for Engineers” an online course authorized by Hong Kong University of Science and technology offered by Coursera during Feb-March 2022.
9. Completed and received certificate of “Data Science Maths Skills” an online course authorized by Duke University through Coursera during August 2020.
10. Completed and received certificate of “Neural network and deep Learning “an online course authorized by deeplearning.ai through Coursera during August 2020.
11. Completed and received certificate of “Introduction to Cybersecurity Tools and Cyber Attacks”, an online non-credit course authorized by IBM and offered through Coursera during July-Aug2020.
12. Completed and received certificate of “Programming for Everybody (Getting Started with Python)”, an online non-credit course authorized by University of Michigan and offered through Coursera July- Aug2020.
13. Participated in Short term course on “Sensors and Actuators-Design and Characterization”, under the QIP of all India technical council education, Conducted during 6th -10th May, 2019 at Indian Institute of science, Bangalore.
14. Attended 12 WEEKS NPTEL online Course, IISC, “Op-amp Practical Applications: Design, Simulation and Implementation”, during 25/6/18 -28/10/18.
15. Participated in Short term course on “Analog Integrated circuits: Fabrication Process and Applications”, under the QIP of all India technical council education, Conducted during 13th -17th August, 2018 at Indian Institute of science, Bangalore.
16. Participated in CCE QIP Short Term Course on" Digital Signal Processing and Applications", from 27/02/2017 to 03/03/2017 at the Indian Institute of Science, Bangalore.

FDP AND INVITED TALK ORGANISED

1. Organised a Faculty Development Program on “AI Driven Image Intelligence – Advances in Processing and Learning Techniques” organized by RVITM in association with E&ICT Academy, IIT Guwahati, from 8th to 12th September 2025.
2. Invited guest lecture on the topic “Cognitive Dissonance in Procrastination” on 26th September 2025 by Mrs. Saroja Azagar, Registered Nurse and Registered Midwife (B.Sc. RNRM) from Arizona.
3. Organized a technical talk on Advancements in Computer network and protocols on 28/4/25 as a part of NDLI Club event, Dept of ECE, RVITM.
4. Organised a talk on “Career/Higher Education Option after Graduation” on 2 nd July 2024, for 6th semester ECE, by Resource Person, Triumphant Institute of Management Education.

WORKSHOPS, FDPs, WEBINARS, SEMINARS PARTICIPATED

1. Participated in Faculty Development Program on “AI Driven Image Intelligence – Advances in Processing and Learning Techniques” organized by RVITM in association with E&ICT Academy, IIT Guwahati, from 8th to 12th September 2025.
2. Participated and successfully completed a three-day faculty development Program on “AI in engineering

- education: Transforming teaching, learning and assessment”, held from 29th July to 31st July 2025, organised by CSE cluster and Department of MCA, RVITM, Bengaluru.
3. Participated in SERB sponsored National Level Two days FDP in Association with SERB, Department of Science & Technology, Government of India. On “Emerging trends in mechanical engineering: bridging the gap with interdisciplinary technologies “conducted on 25th & 26th September 2025, Organized by Department of Mechanical Engineering, RVITM, Bengaluru.
 4. Participated in 5-day FDP on SPARC-AI: Signal Processing, Automation, and Real-Time Communication using AI in Electronic Design from 10th-14th Feb 2025, organized by Department of ECE, RVITM, Bengaluru.
 5. Participated in 5-day FDP on “Antenna Modelling and Simulation using CST Studio Suite” Organized by Dept of ECE, KSSEM, Bengaluru from 06/01/25 to 10/01/25.
 6. Participated in International workshop on “Role of generative AI in academics and research”, at RV teachers College on 8/8/24, Bengaluru.
 7. Participated in 3 days FDP on Cyber security organized by the department of ISE, RVITM during 1/4/24 to 3/4/24.
 8. Attended FDP on testing of Analog and digital circuits using software defined multi instrument Moku-go, organized by Dept of ECE in RNSIT on 19th and 20th of Oct 2023, Bengaluru.
 9. Attended 5 Days FDP on OBE from 25/9/23 to 4/10/23 organized by Dept of ISE, RVITM, Bengaluru.
 10. Attended 1-week FDP program on “Recent trends in signal & Image processing" from 28/8/23 to 1/9/23 organized by ECE, Mother Theresa institute of engineering and technology.
 11. Attended Faculty Development Workshop on “VLSI to System Design: Silicon-to-End Application Approach” from 31st July to 4th August 2023 (AICTE) in association with Arm Education and ST Microelectronics with support from Cadence Design Systems.
 12. Successful completion of 5-day Faculty Development Program On “VLSI IC Design and Avenues of Interdisciplinary Research ", held from 27/2/23 to 3/3/23 by the Dept of ECE, RVITM, Bengaluru.
 13. Participated in 5-Day Online Faculty Development Program on “Importance of data science in machine learning and its applications” organized by the Department of Computer Science and Engineering & Department of Information Science and Engineering from 6th - 10th Feb 2023 at RV Institute of Technology and Management, Bengaluru.
 14. Participated in 5-Day Online Faculty Development Program on “Importance of data science in machine learning and its applications” organized by the Department of Computer Science and Engineering & Department of Information Science and Engineering from 6th - 10th Feb 2023 at RV Institute of Technology and Management, Bengaluru.
 15. 5-day faculty development programme(online) on “Advanced tools and techniques for best research” jointly organized by the Department of Information Science & Engineering and IPR-Cell during 26th– 30th September, 2022 at RV Institute of Technology and Management, Bengaluru.
 16. Successful completion of One-week Faculty Development Program On “Amazon Web Services” During the

period of 22nd August 2022 to 27th August 2022 Organized by RVITM, Bangalore in collaboration with braino vision solutions India pvt.ltd & all India council for technical education – AICTE.

17. Participated in Researcher Academy on Campus, Empowering the research activities for VTU consortium members at VTU Consortium, on Thursday 12 May, 2022 Presented by Dr. Vinita Saroha Customer Consultant.
18. Attended and completed the workshop on “Skill development programme” conducted from 25/4/22 – 27/4/22 by Dr. Kendaganna Swamy at dept of ECE, RVITM, Bengaluru.
19. Participated in 3-Day Faculty Development Program on “Android Mobile Application Development” organized by the Department of Computer Science and Engineering & Information Science and Engineering, in association with CSI Student Chapter and Kaiten Software Solutions during 7th to 9th April 2022 at RV Institute of Technology and Management, Bengaluru.
20. Participated in 5-day faculty development program (Online) on “ICT Tools for Innovative Teaching & Learning Process” conducted by the Department of Information Science & Engineering during 28th March - 1st April, 2022 at RV Institute of Technology and Management, Bengaluru.
21. Participated and Completed AICTE Training and Learning (ATAL) online FDP on "Hands-on Workshop on Software Defined Radios" from 7/3/2022 to 11/3/2022 organized by Kamal Singh PhD, IIT Bombay, School of Engineering, Shiv Nadar University, Greater Noida, UP- 201314.
22. Participated in IP Awareness/Training program under National IP awareness Mission on 10/02/2022.
23. Participated in One Week AICTE – VTU Joint Online Training Program for Teachers On “An Overview of Teaching Techniques in Basics of Electronics and Communication Engineering” 13th – 17th December 2021.
24. BITES in association with KSIT, Bengaluru has organized a virtual Distinguished Guest Lecture (DGL) on "Overview of AI and ML", by Resource Person Sri. Gopalakrishnan Holla, Co-Founder & CTO, FutureSense360 dated November 18, 2021.
25. 5 Days online Faculty Development Programme on “Digital Design using Intel Edge Centric FPGA ” to be held from 27th September 2021 to 01st October 2021 organized by the Department of Electronics and Communication Engineering, Dayananda Sagar College of Engineering, Bengaluru.
26. Participation for 6-days AICTE-ISTE Induction/Refresher program on ‘Next Generation Wireless Communication: 5G and its implementation’ organized by the Department of Electronics & Communication Engineering, KSIT, from 21st to 26th Dec 2020.
27. Attended many webinars on IOT applications and Analysis, Sensors and applications, Recent trends in Wireless Communications, Realization in 5G technologies, Fundamentals of Antenna and MIMO, Pattern Recognition using Machine Learning, Network security and application security, Enhancing Research effectiveness using Scopus ScienceDirect during March-August 2020 during COVID-19.
28. Attended 5-day FDP on “Sensors and Applications” from 17/7/2020 to 17/7/2020 organized by Dept of ECE, Vemana Institute of Technology, Bengaluru.
29. Participated in 3-DAY FDP on “Machine learning and deep learning using Python” during 30/01/2020 to 01/02/2020 Organized by Dept of ECE, RNSIT, Bangalore.

30. Participated in Climate and Environment Science Quiz accompanied students who represented our college on 11/9/18 at IISC, Bangalore.
31. Attended New Model Curriculum for first year BE/B.Tech CBCS Delivered status (2018-19) as per
32. outcome based education (OBE) format including course outcomes (CO) and Blooms Taxonomy under TEQIP-1.3 held on 14.05.18 at MSRIT, organized by VTU, Belagavi.
33. Attended 1-day workshop "Sensor Analytics and Advanced Programming Techniques Using MATLAB" on 08/02/2017 organized by MathWorks, at ITC Gardenia- Bengaluru.
34. Participated in six days workshop on "Recent trends in 4G/5G Wireless Mobile Communication", under TEQIP- II organized by Department of Electronics and Communication Engineering, M.S. Ramaiah Institute of Technology, Autonomous Institute, Affiliated to VTU, Bengaluru from July 11-16, 2016.
35. Participated in 1-day FDP on Intellectual property rights held at KSSEM, July 2016.
36. Participated in Workshop on Research Methodologies and Latex, organized by VTU e-Learning center, Mysuru at VTU Regional office, Bangalore from March 18-20, 2015.
37. Participated in Workshop on Awareness of Plagiarism checks held at SJBIT, 2015, Bangalore.
38. Research and Methodologies, Lab view, MATLAB, Simulink, Arm Processor Workshops in KSSEM, 2014.
39. Participated in National Symposium on Research Methodologies, KSSEM, Oct 2012.
40. Participated in Teaching and learning practices, research methodologies and writing the project Proposals, FDP, KSIT, Jan 2011.
41. Participated in FDP on Fuzzy systems, MSCE, Chennai, Dec 2007.
42. Participated in FDP on Over voltage transients and HVDC, MSCE, Chennai, Dec 2007.
43. Participated in VDAT -7th VLSI design and test Workshop, BMSCE, August 2003.

JOURNAL PUBLICATIONS

1. Shivam Kumar, Praveen K, Prajwal G S, Akheera Ajan, Shalini Shravan, "AI-Based Predictive Battery health Monitoring System", International Journal of Advanced Research in Computer and Communication Engineering Impact Factor 8.102, Peer-reviewed & Refereed Journal, Vol. 14, Issue 5, May 2025 DOI: 10.17148/IJARCCE.2025.14503.
2. Navashree Ganpisetty, Dr Shalini Shravan "A Comprehensive Literature Survey on Arrhythmia Detection Techniques: VLSI, Machine Learning, and Signal Processing Approaches", International Journal for Research Trends and Innovation", Published in Volume 10 Issue 4, April-2025.
3. Bindushree K B, Navashree Ganpisetty, Divyabhavani Ganpisetty, Shalini Shravan, "A Survey on Aeroponic System with Automated Nutrition and Disease Analysis", International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol 4, Issue 3, Dec 2024.
4. Divyabhavani Ganpisetty, Navyashree Ganpisetty, Bindushree K B, Dr. Shalini Shravan, "A Comprehensive Review of Disease Detection Techniques for Tomato Leaves", International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol 4, Issue 2, Dec 2024
5. Sharon Solomon, Nikhila Y, Anusha M, Thanisha S, Dr Shalini Shravan, "Classification of skin cancer lesions

- as Malignant and Benign using Resnet 50”, International Journal of Innovative Research in Computer and Communication Engineering, UGC Journal, Aug 2024.
6. Dr. Shalini Shravan,C Sai Anjan,LN Harshith,Prajwal G C,Vishwas A Sahnbhag ,“PrivateCloud Storage Implementation using Raspberry Pi”, TIJER-International Research Journal ,vol 10, issue 7 , July 2023.
 7. Dr. Shalini Shravan,kathe sai sreenivas,kuruva dheeraj,lasreeth kumar,veeram lohith kumar reddy , “Biometric Identity and IoT-Based Electronic Voting Machine”, TIJER-International Research Journal ,vol 10, issue 7 , July 2023
 8. Veena, R. S., Shravan, S., Biradar, V. G., & Prashanth, V,” Circle fitting of boundaries of microarray spots”, International Journal of Health Sciences, vol 6(S1), pp 4736–4745, April 2022. **(SCOPUS INDEXED)**.
 9. Biradar, V. G., H. Sarojadevi., Shalini, J., Veena, R. S., & Prashanth, V,”Rice leaves disease classification using deep convolutional neural network”, International Journal of Health Sciences, vol6(S4), pp1230-1244, April 2022. **(SCOPUS INDEXED)**.
 10. Harsha K.M, Shalini Shravan,” Design and Implementation of Patient Monitoring System using Steady State Visual Evoked Potential Signal based on LABVIEW”, i-manager’s Journal on Electronics Engineering, vol 9, issue 1,pp 21-26,Sep-Nov 2018.
 11. Shalini Shravan, Dr. Y R Manjunatha,“Efficient VLSI architecture for advanced orthogonal frequency division multiplexing system for efficient communication”, Global Journal of Engineering Science and Researches, vol 8,pp171-179,July 2018.
 12. Shalini Shravan, Dr. Y R Manjunatha,” FPGA based Efficient N-Point FFT Architecture using CORDIC for Advanced OFDM”, International Journal of Engineering Research and Technology, vol 11,pp 11-27,Jan 2018. **(SCOPUS INDEXED)**.
 13. Shalini Shravan, Dr. Y R Manjunatha,” Efficient reconfigurable architecture for advanced orthogonal frequency division multiplexing (AOFDM) transmitter” International Journal of Advanced Computer Research, vol 8(37), July 2018.
 14. Shalini Shravan, Dr Y R Manjunatha,” Performance of an uplink OFDMA system using Subcarrier allocation”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol 4, issue 12, Dec 2015.
 15. Shalini Shravan, “Language independent Speaker Recognition based on Pitch Measurements”, International Journal of Emerging Technology and Advanced Engineering, vol 3, issue 3, pp 831-833, March 2013.

NATIONAL CONFERENCES

1. Anurag P S,Amish S,Risheek G,Dr Shalini Shravan,“Medicine Reminder-A New Way To Keep Track Of Medication”, IETE-sponsored Seventh National Conference on Emerging Trends in Engineering, Science and Technology ,R N S Institute of technology and Management, Bengaluru, 30 April 2024.
2. Sanjay,Harshavardhan,Pushkal,Raghavendra, Dr Shalini Shravan,“Voice Controlled Smart Wheelchair”, National Conference on Digital Technology and Engineering, RV Institute of technology and Management, Bengaluru,2 May 2024.

3. Siddharth P, Rohan R M, Dr Shalini Shravan, "IOT based automated Paralysis Healthcare system", National Conference on Digital Technology and Engineering, RV Institute of technology and Management, Bengaluru, 2 May 2024.
4. Dr. Shalini Shravan, kathe sai sreenivas, kuruva dheeraj, lasreeth kumar, veeram lohith kumar reddy , "Biometric Identity and IoT-Based Electronic Voting Machine", National Conference NCDTE-2023 ,organised by dept of CSE, RVITM, April 2023.
5. Dr. Shalini Shravan, C Sai Anjan, LN Harshith, Prajwal G C, Vishwas A Sahnbhag , "Private Cloud Storage Implementation using Raspberry Pi", National Conference NCDTE-2023 ,organised by dept of CSE, RVITM, April 2023.
6. Sudhanva S H, Anuraag Prasanna S, Dr. Shalini Shravan , "Object detection Robot using Arduino UNO and ultrasonic sensor", 8th National Conference on Advanced Computing Technologies , Velammal Engineering College, Chennai., 25 March 2023.
7. Manjunath N, Shishir A, Dr. Shalini Shravan, "Design of Street Light Controller using NPN Transistor and Light Dependent Resistor", 8th National Conference on Advanced Computing Technologies , Velammal Engineering College, Chennai., 25 March 2023.
8. Nikhil KP Kongovi , Shushma N , Sumukh Y Chavan , V Sivani Manisha , Shalini Shravan , Gunasheela T J," Design and Implementation of Safety Warning for Car driving using ARM 7", National Conference On Recent Trends in Electronics and Communication, Global Academy of Technology, Bengaluru, 5 May 2016.

INTERNATIONAL CONFERENCES

1. N. Saravanan, V. Achar, S. Nagendra, and Shalini J, "Satellite Link Budget Analysis using QPSK Modulation in MATLAB," in Proc. Int.Conf. Digital Technology and Engineering (ICDTE), Bengaluru, India, Oct. 16–17, 2025.
2. Adithi Sreenivas, Monisha M Reddy, Yashupradha B. S, Shalini J," Performance Analysis of 5G mm Wave Communication in LEO", , in Proc. Int.Conf. Digital Technology and Engineering (ICDTE), Bengaluru, India, Oct. 16–17, 2025.
3. Medhya Parthakudi , Namratha V, Shalini J , "Adaptive Beam Steering in Optical Satellite Downlinks Using Weather- Aware Control Algorithms", in Proc. Int.Conf. Digital Technology and Engineering (ICDTE), Bengaluru, India, Oct. 16–17, 2025.
4. Sathvik V.L.K.S Susarla, Vishwanath, Ravikiran, Manish Kumar K M , Chetan, Shalini J," Smart glasses using Raspberry Pi and VLMs", in Proc. Int.Conf. Digital Technology and Engineering (ICDTE), Bengaluru, India, Oct. 16–17, 2025.
5. Sathvik V.L.K.S Susarla, Vishwanath, Ravikiran, Manish Kumar K M , Chetan, Shalini J , "Wearable Assistive Technology Using Embedded VLMs and Raspberry Pi", in Proc. Int.Conf. Digital Technology and Engineering (ICDTE), Bengaluru, India, Oct. 16–17, 2025.
6. Navyashree ganpisetty, Charan Teja, Sneha Hugar, Sudhanva S, Divyabhavani, Shalini J, "IOT Integrated smart mirror for continuous health and wellness monitoring" , ICRIET 2025 international Conference held on

May9,10 2025 at KSIT ,Bengaluru. (**SCOPUS INDEXED**).

7. B. T. Venu Gopal, Shreedhara. Hareesh Kumar, Shalini J , Usha Rebecca, “Design of a deep learning-based controller for a 4-leg inverter to independently control two 3-phase induction motors,” ICRIET 2025 international Conference held on May9,10 2025 at KSIT,Bengaluru. (**SCOPUS INDEXED**).
8. Tanushree M M, Usha B, Pragathi Kamate, Dr Shalini Shravan,“Empowering the Visually Impaired with Intelligent Navigation and Voice Assistance “,International Conference on Innovations in Materials Science, Technology, Engineering and Management for Sustainable Development (IMSTEM) - 2025"- Jointly Organized by Department of Science, St. Joseph's College of Engineering, OMR, Chennai, Tamil Nadu, India & RSP Research Hub, Coimbatore, Tamil Nadu, India on 30 & 31 March 2025.
9. Sharon Solomon, Nikhila Y, Anusha M, Thanisha S, Dr Shalini Shravan, ” Classification of skin cancer lesions as Malignant and Benign using Resnet 50”, International Conference on Recent Trends in Computational Engineering and Technologies (ICRTCET - 2024), RRCE ,25-26 July 2024.
10. Megha Nilol, Dr Shalini Shravan, ” Automated Real-time vehicle number plate detection for smart Vehicle Monitoring Mechanism”, International Conference on Recent Trends in Computational Engineering and Technologies (ICRTCET - 2024), RRCE ,25-26 July 2024.
11. Rahul N Revankar, Nithya Shree M C, Dr. Shalini Shravan, Ashwin N,Kashyap,Sanju Sidagireppa Jakkannavar,“Hybrid Beamforming In 5G Massive MIMO”,IEEE International Conference on the confluence of advancements in robotics, vision and interdisciplinary technology management, RV Institute of technology and Management,Bengaluru,28-29 Nov 2023, published in **IEEE proceedings**. (**SCOPUS INDEXED**).
13. Charan Teja,Dr Shalini Shravan,“Mechanum Based Scara Robot”,8th International conference on Engineering research and Innovations, Mumbai, 21-22 Sep 2023.
14. Dr. Shalini Shravan, T Aishwarya, Harshitha P M , “Simulation on gsm mobile jammer”, 9th International Conference on Latest Trends in Science, Engineering and Technology, Karpagam institute of technology, Coimbatore, 5-6 May 2023.
15. Navyashree Ganpisetty,Divyabhavani Ganpisetty,Dr. Shalini Shravan, “Food Safety Prediction Using Deep Learning”, 4th International Conference on Innovation in Electrical and Information and Communication Engineering, Kongunadu College of Engineering and Technology , Trichy, 22 April 2023 .
16. Shalini Shravan, BV Mahesh Kumar, “Implementation of sensor based intelligent street light systems”, International Conference on Applied Engineering Sciences and Management, KS School of Engineering and Management, Bengaluru,12-13 Oct 2018.
17. Shalini Shravan, Dr Y.R Manjunatha, “Performance and comparison of Peak to average power reduction ratio based on QAM/PAM modulation techniques in OFDM System”, IEEE 3rd International Conference on Electronics and Communication Systems, Karpagam College of Engineering, Coimbatore, Tamil Nadu, 25th-26th Feb 2016.
18. Pushpa MB, Shalini Shravan, ”FPGA Implementation of An Efficient 2D 5/3 Lift DWT based Invisible Watermarking Technique”, **Annual IEEE India conference INDICON**, New Delhi, 17-20 Dec 2015.

SKILLS AND INTERESTS

1. Coordinate the conducting, moderating and marking of required assessments, tests, examinations Academic Administration.
2. Well versed with traditional and modern teaching methodologies/equipment, multimedia and Power Point presentations.
3. Involved in Result Analysis, Question Paper setting of VTU, Autonomous colleges like BMSCE ,DSCE,MVJ colleges.
4. Extensive experience on NAAC accreditation processes, supporting institutional quality and compliance requirements.
5. Technical Skills: Verilog Programming, IoT, Embedded Systems, Wireless Communication, Deep Learning, Cybersecurity, Python Programming
6. **Research Interests:** 5G Technology, Massive MIMO, Artificial Intelligence, Machine Learning, Wireless Communication, IoT.
7. **Languages known to read and Write:** English, Kannada, Hindi.
8. **Languages Known to Speak:** English, Kannada, Hindi, Tamil, Telugu.

HOBBIES

- Singing, Bhagavad-Gita Recitation, Reading Spirituality books,
- Sports: Indoor and outdoor games.

Dr Shalini Shravan